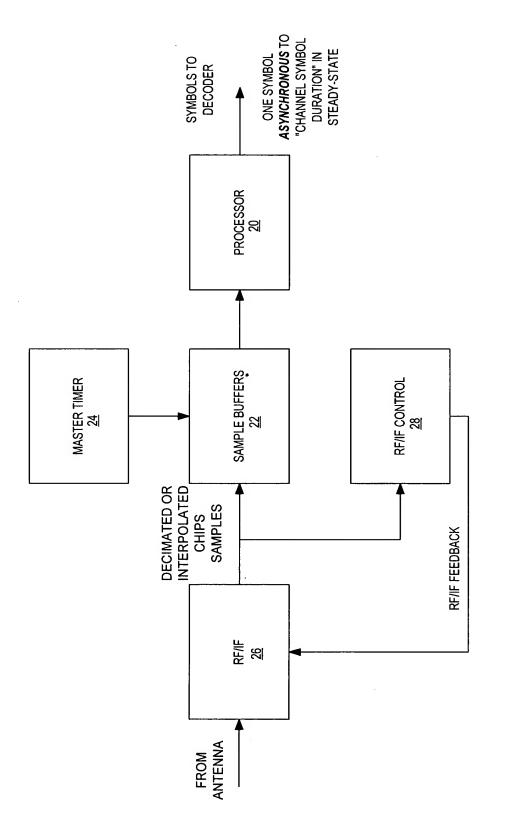
FIG. 1 PRIOR ART

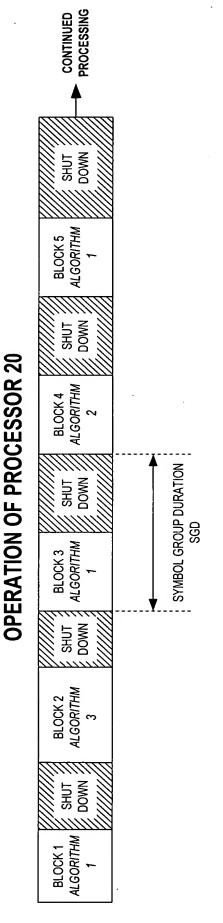




FI

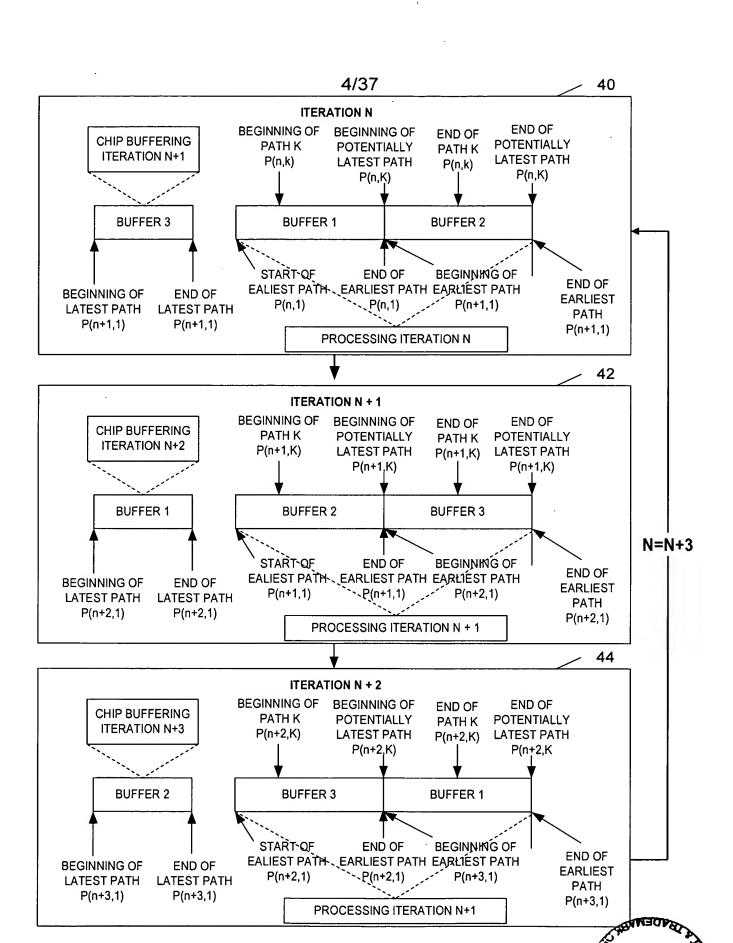


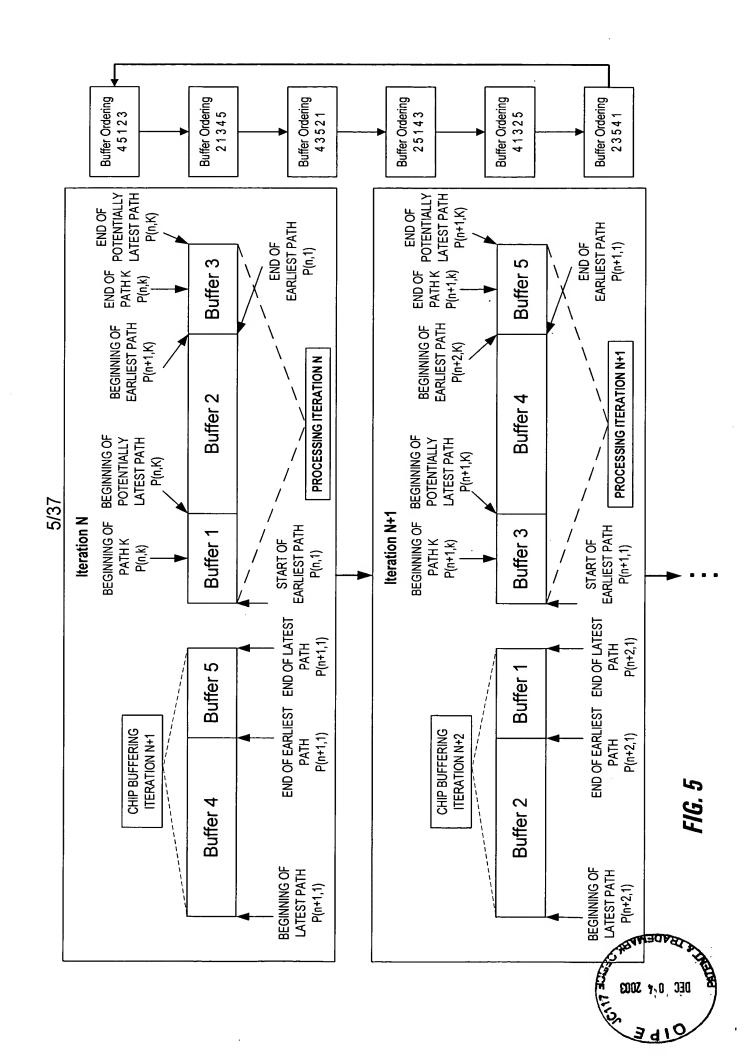
CONTINUED PROCESSING **CONVENTIONAL PROCESSING** ALL INCOMING SAMPLES (ALGORITHM 3)





76.3





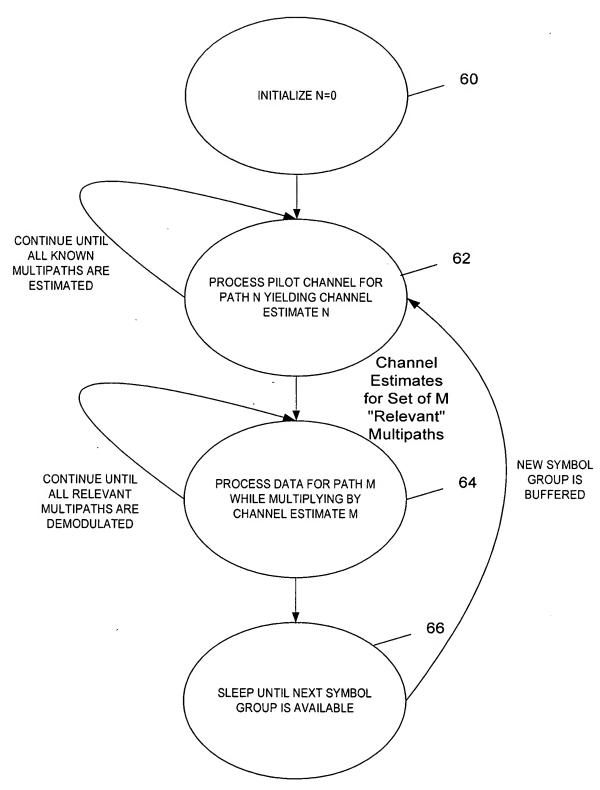
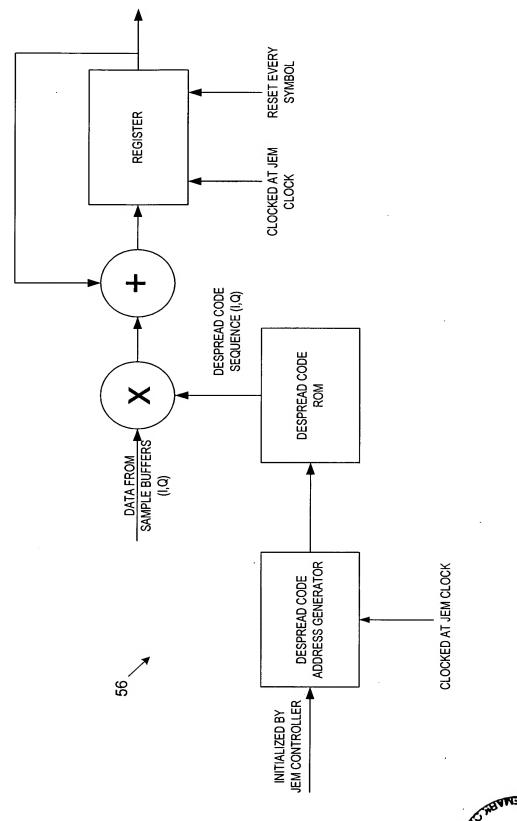


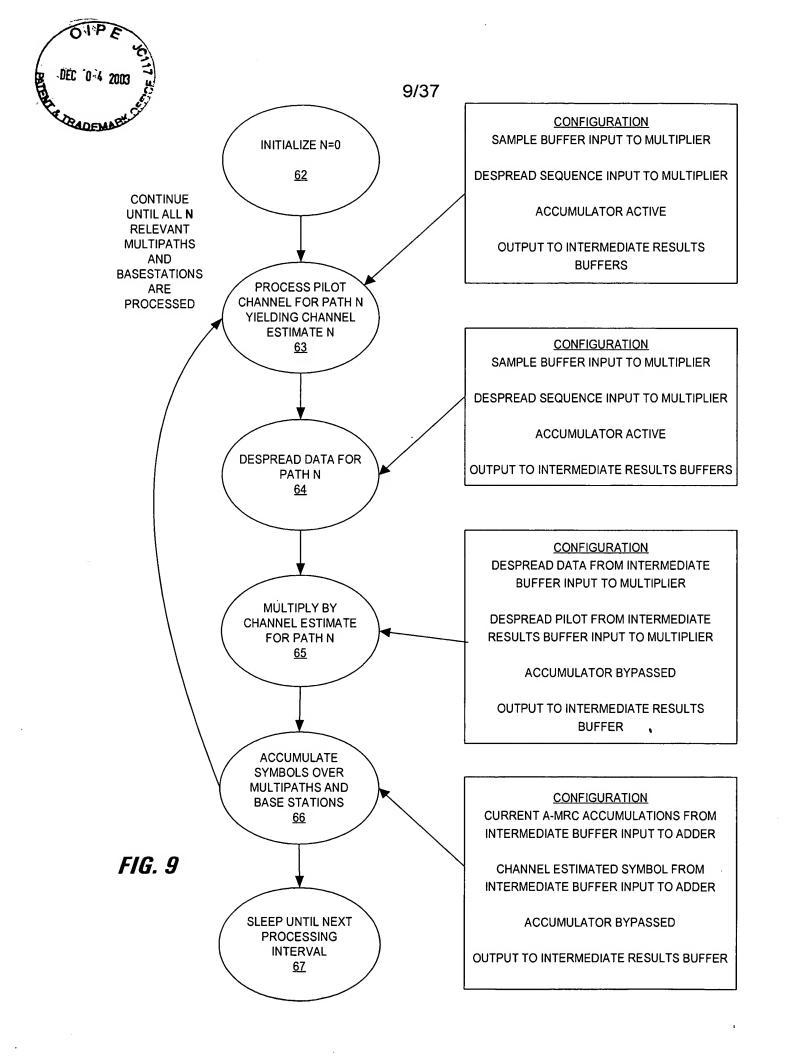
FIG. 6

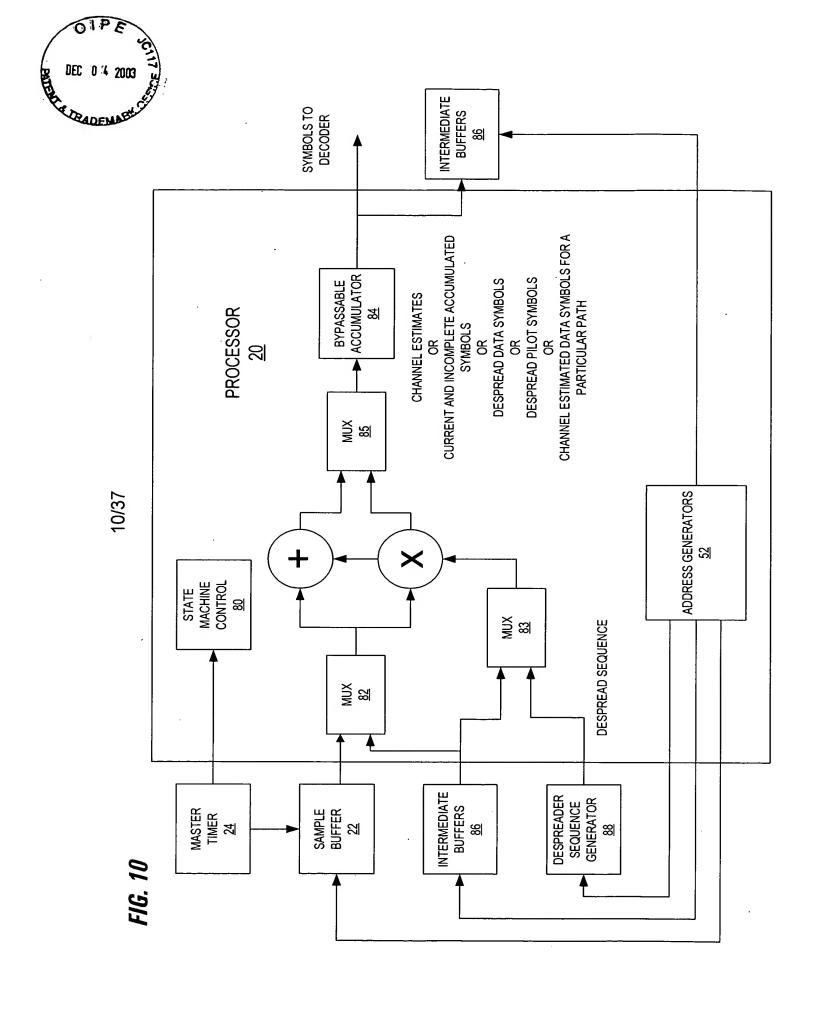




F1G. 8







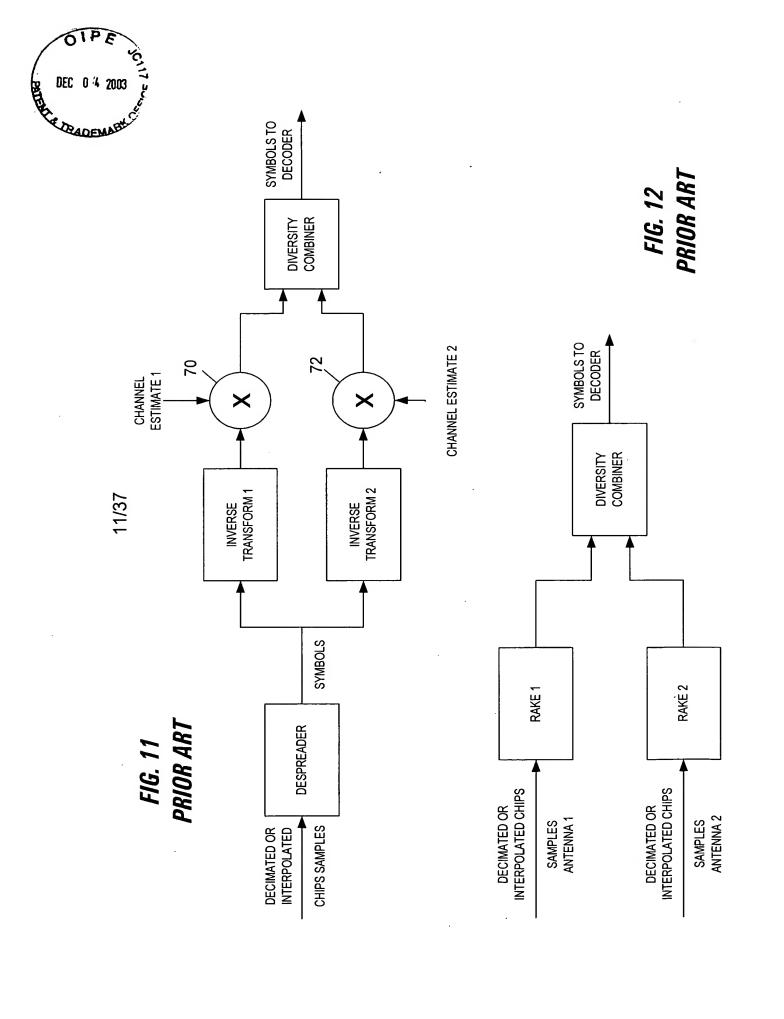


FIG. 13

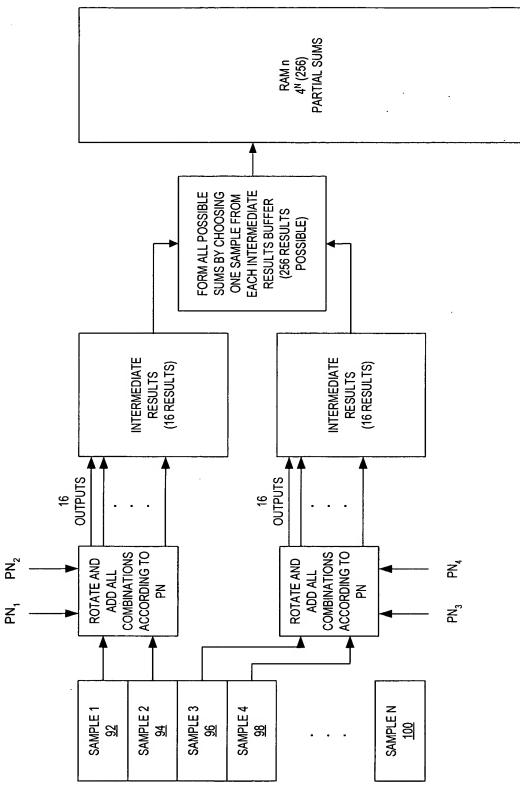


FIG. 14

FIG. 15

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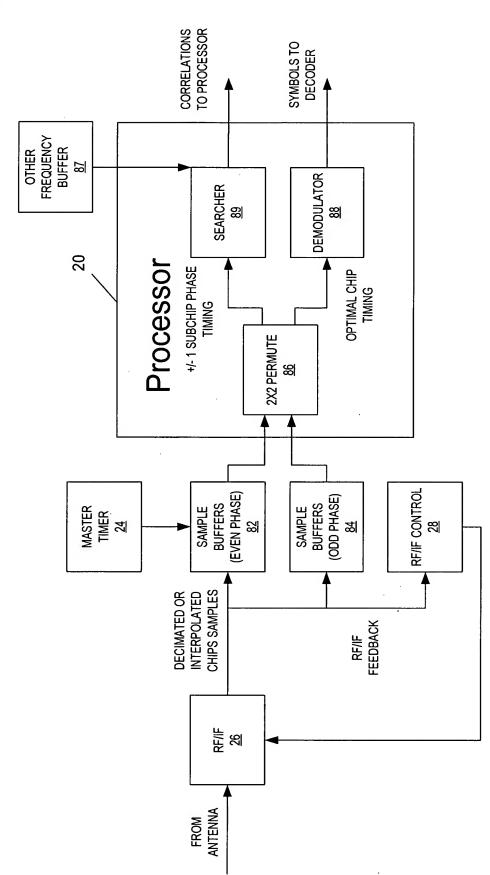


FIG. 16

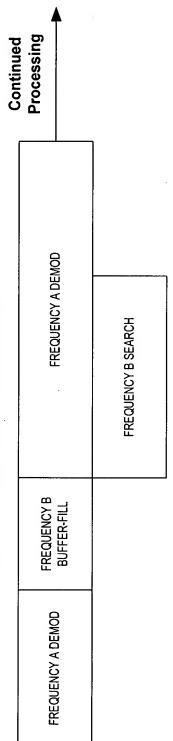
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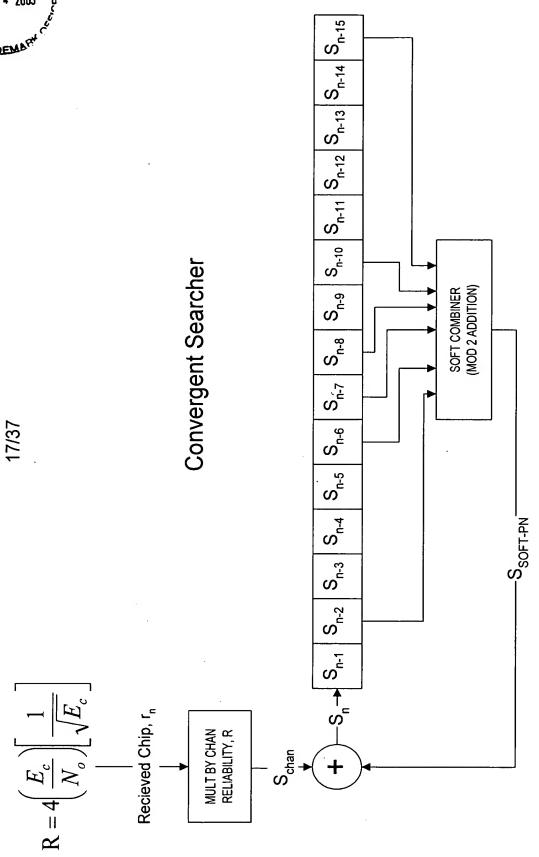
CONVENTIONAL PROCESSING



MULTI-FREQUENCY PROCESSING







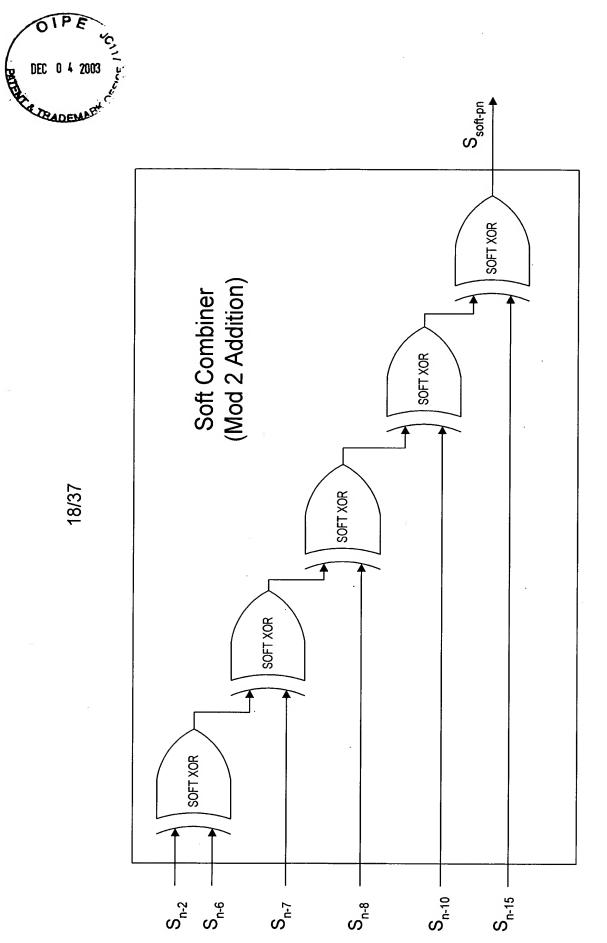


FIG. 20

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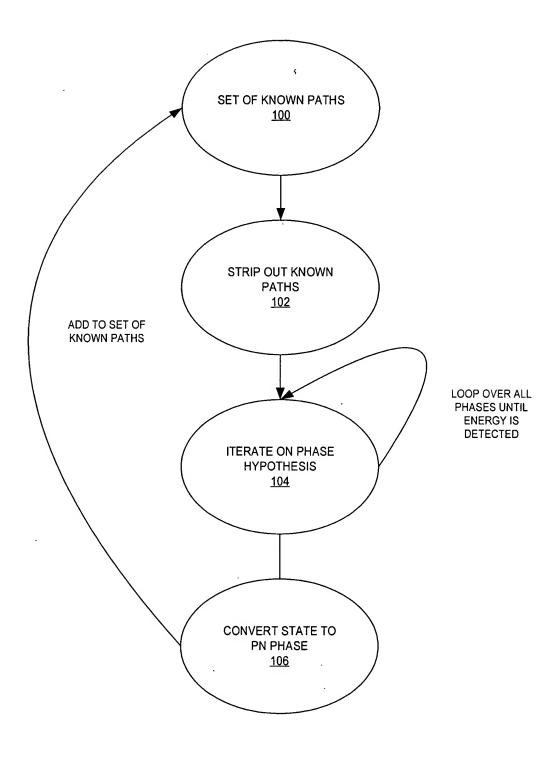
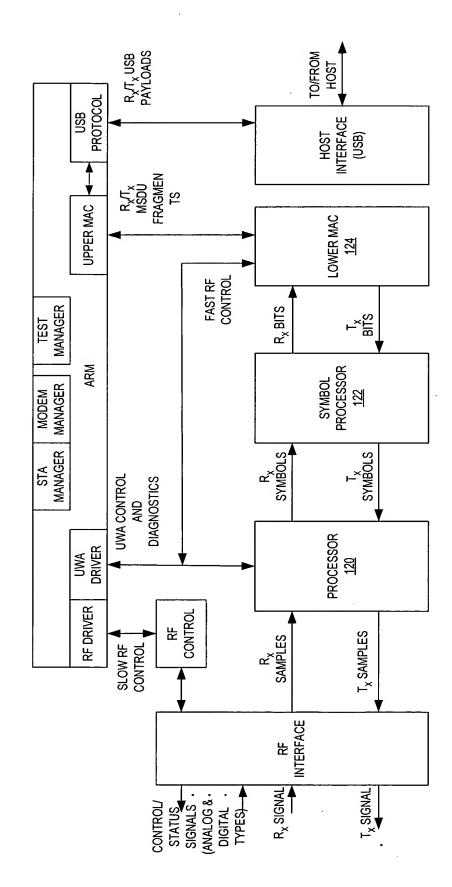


FIG. 21







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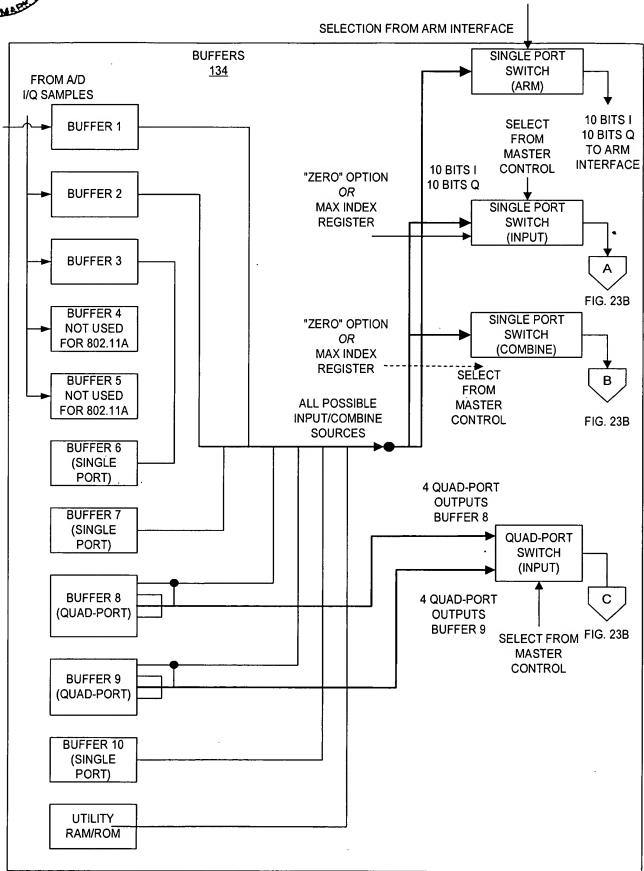
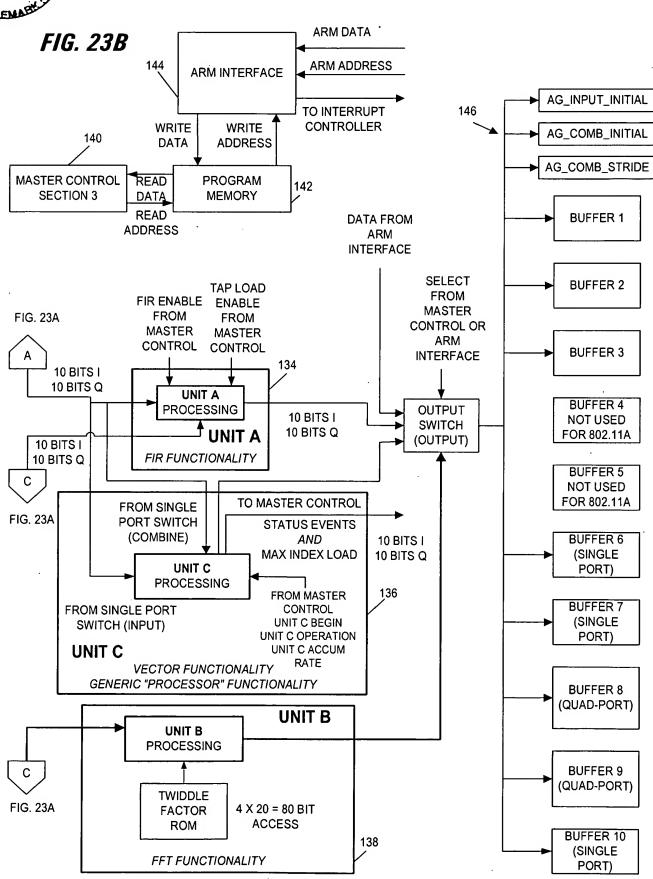


FIG. 23A





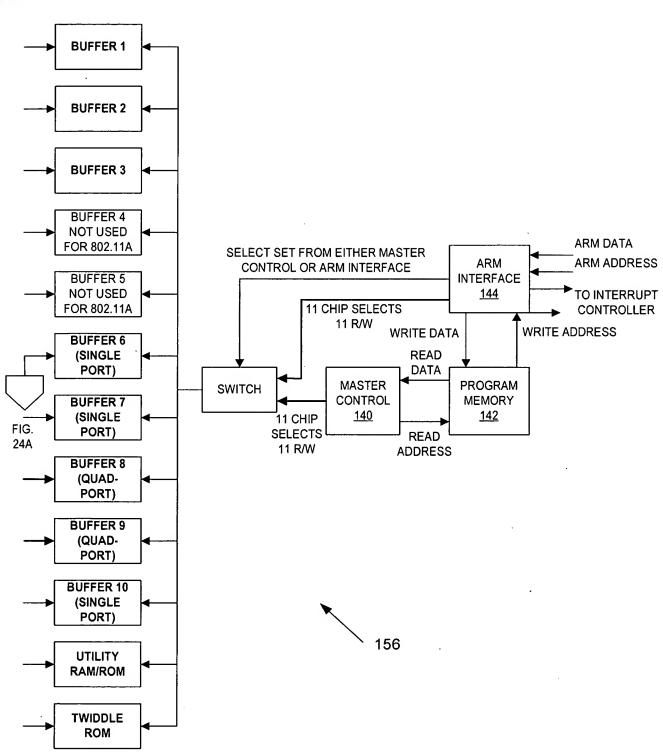
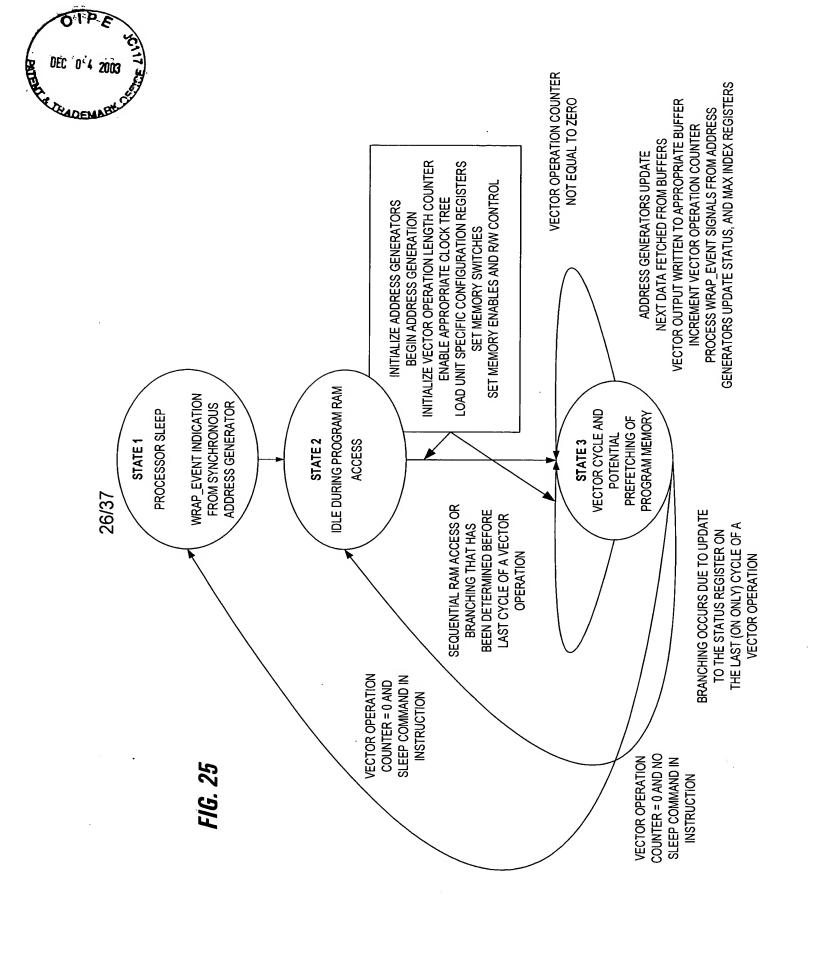


FIG. 24B



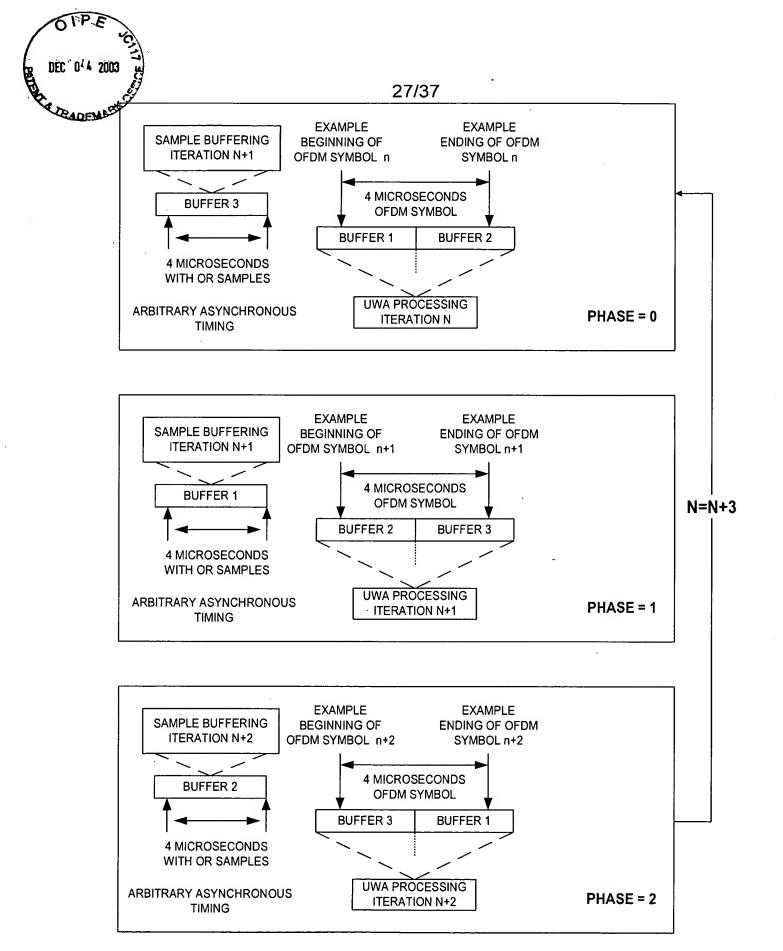


FIG. 26

FIG. 28



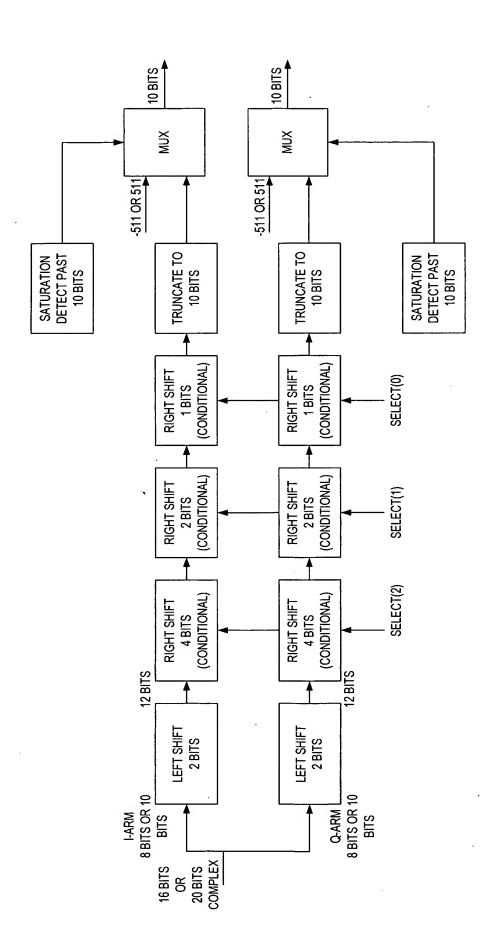


FIG. 29



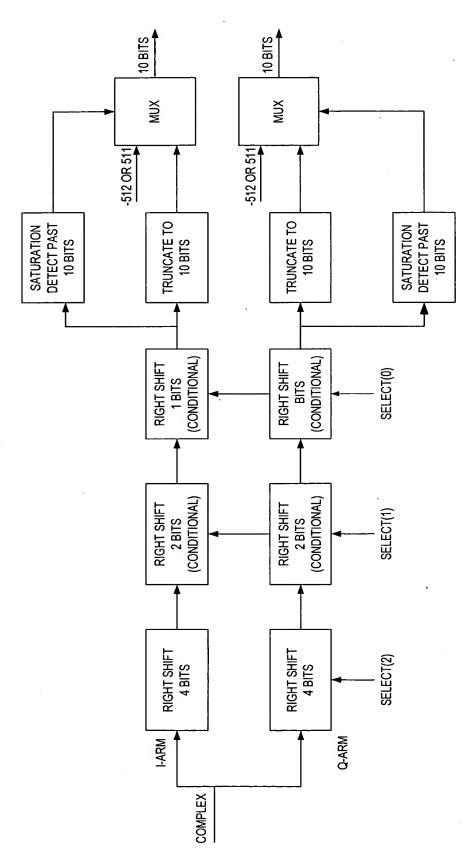
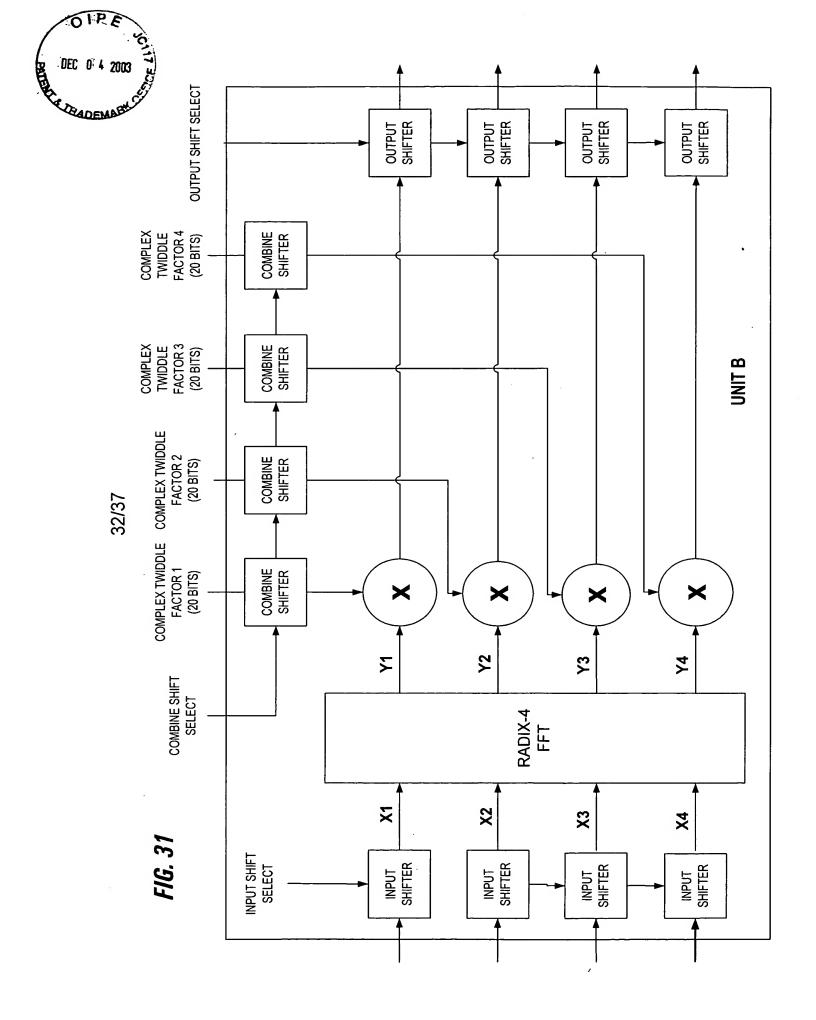
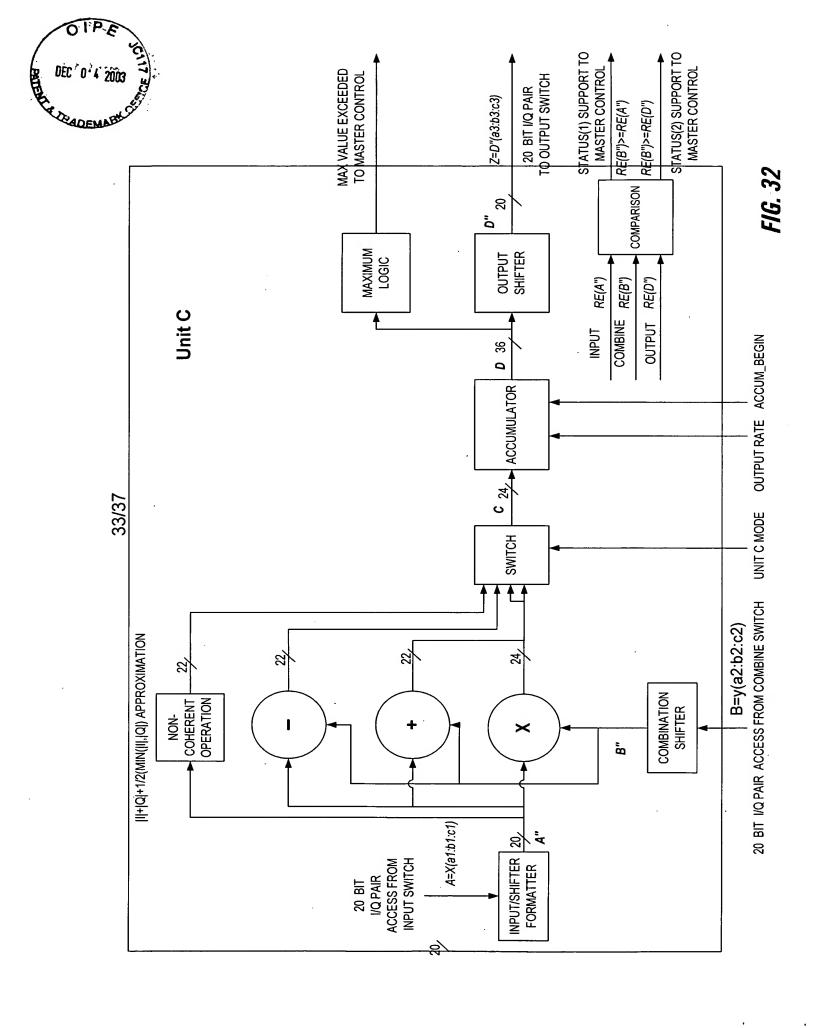


FIG. 30







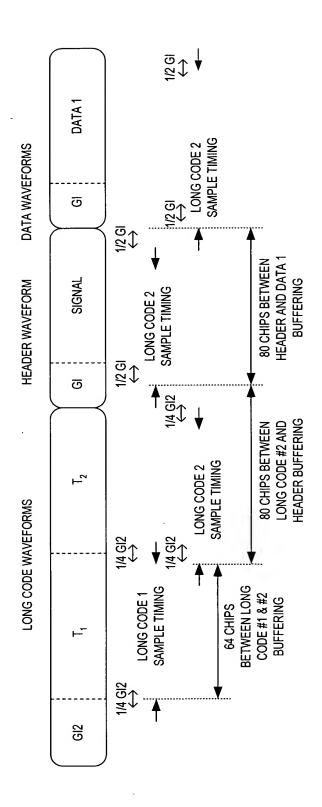


FIG. 33



